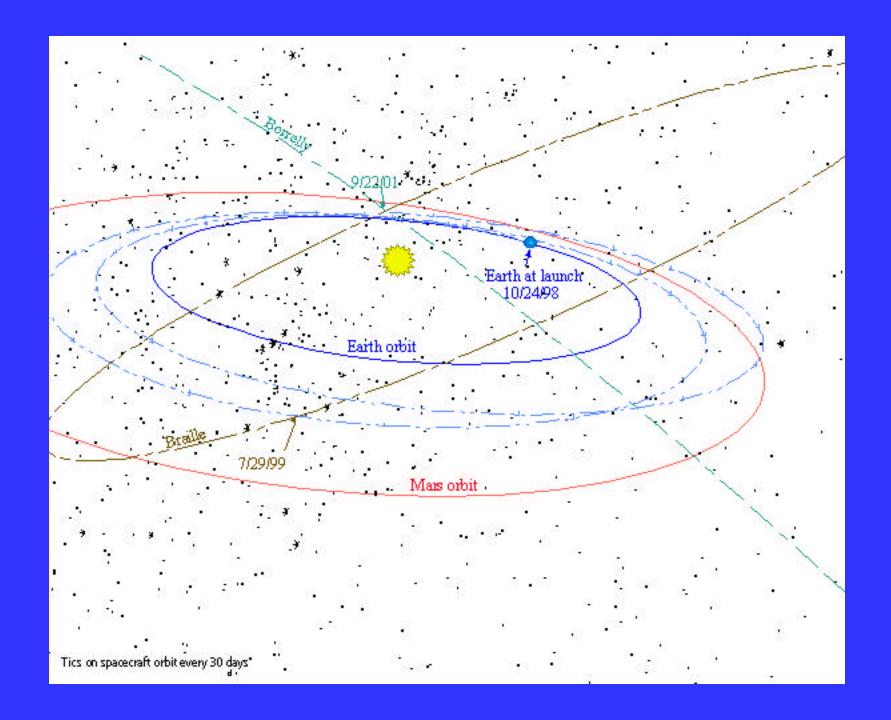
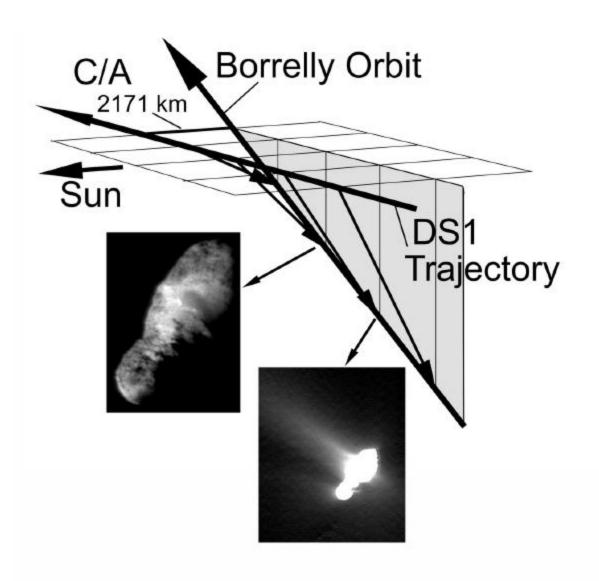
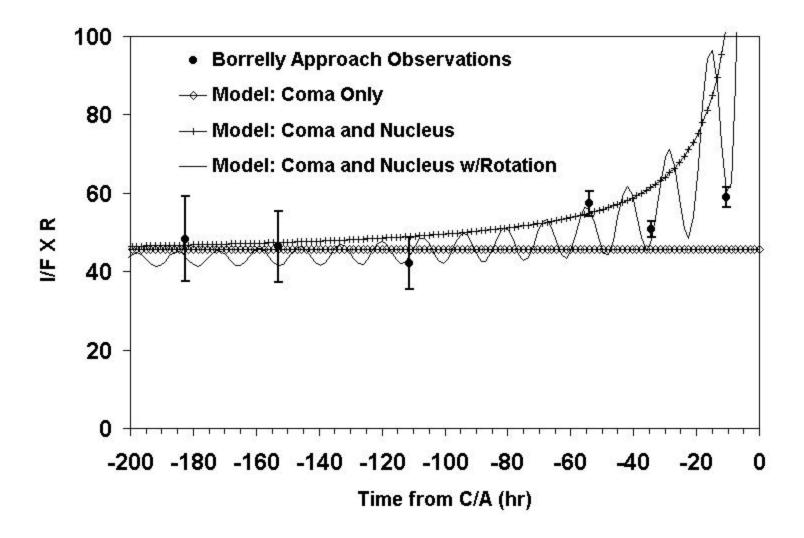
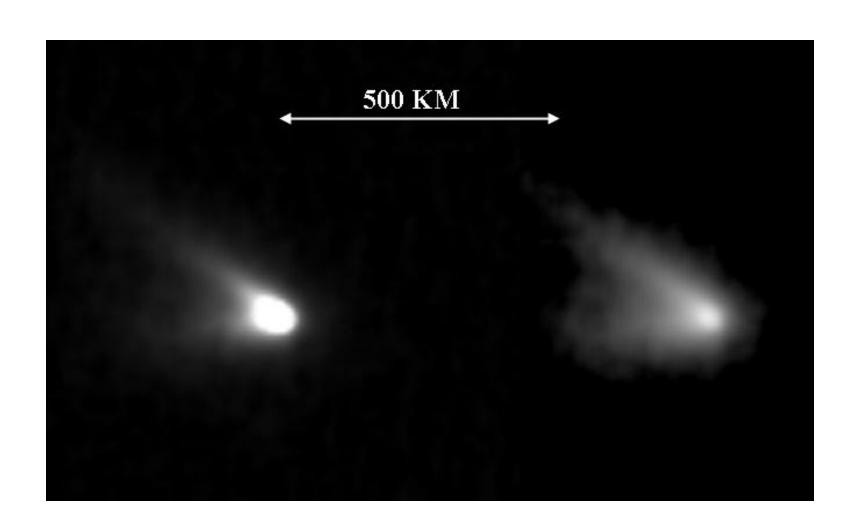


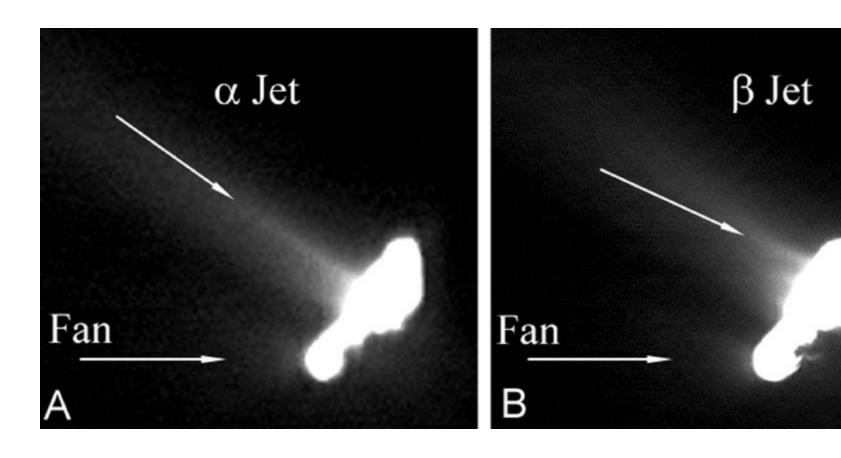
Laurence A. Soderblom
United States Geological Survey



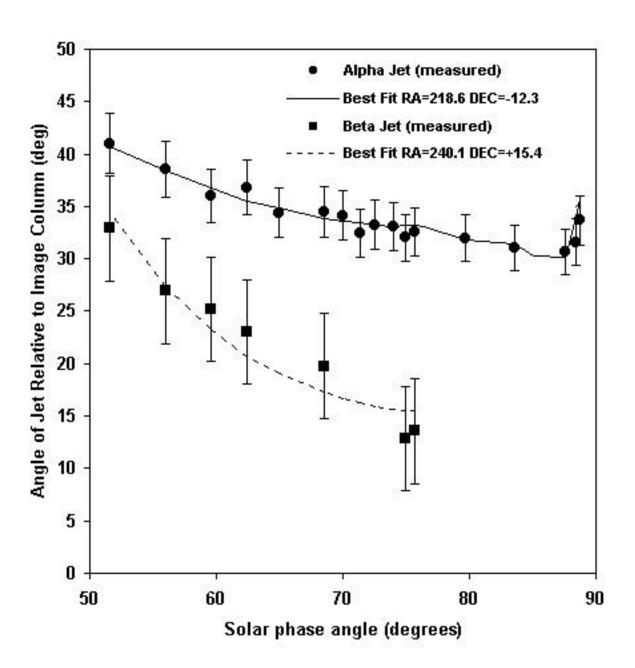


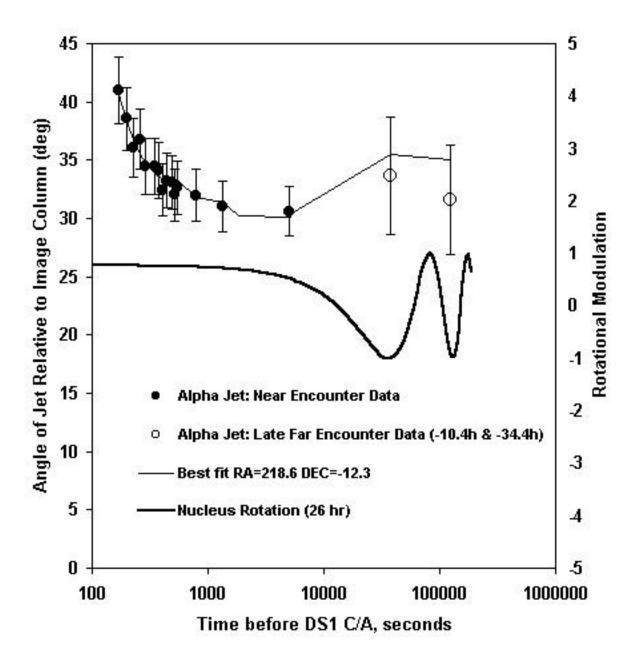


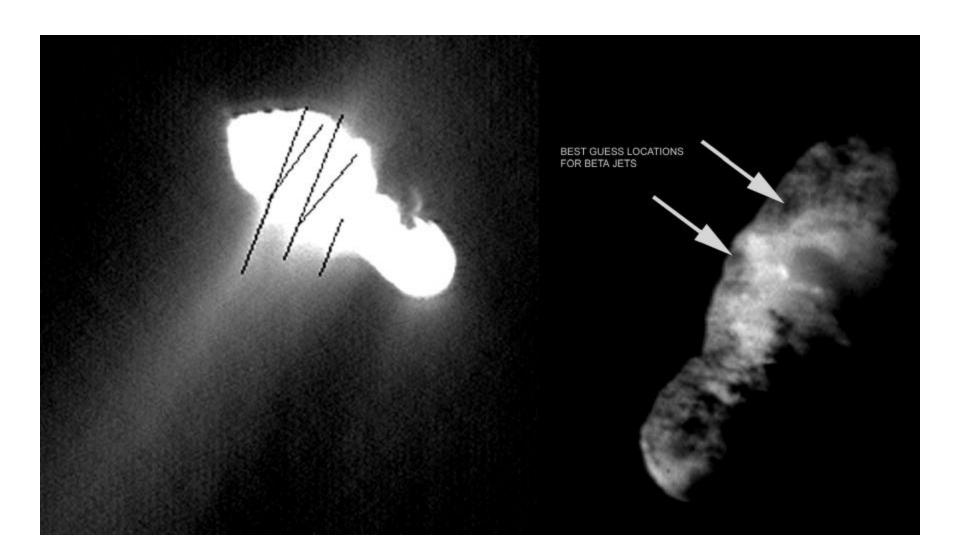


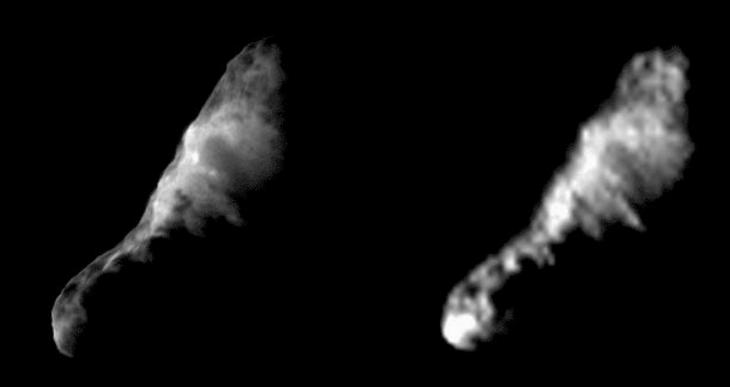


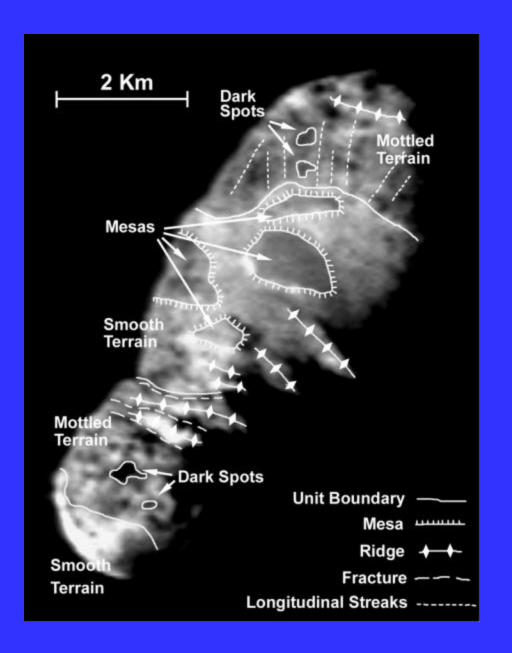


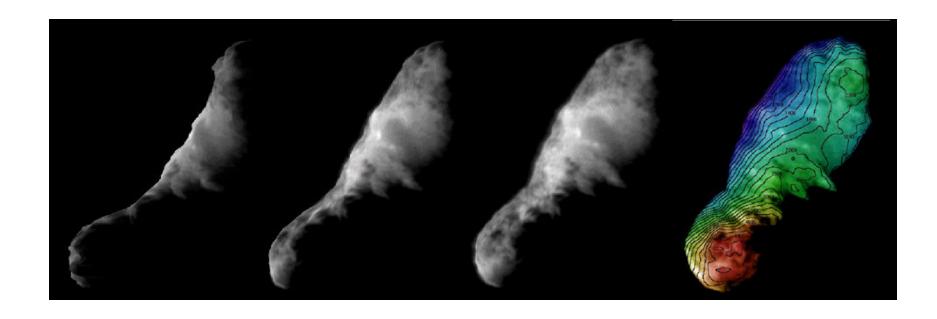












Nucleus-Jet-Rotation Pole Relationship

- Main jet fixed orientation \rightarrow it was on rotation axis.
- Places sub-solar latitude at ~55° N → central smooth basin, the source region of the main jet, in constant sunlight during the few months near perihelion.
- Mechanism generating highly collimated main jet is coupled to the symmetry of constant solar input
- Ecliptic Coordinates: Lat +3° Lon 220 → North Pole
- Right-handed rotation → prograde rotation
- This orientation results in very stable rotation of the nucleus around its short axis minimally affected by non-gravitational forces of the jets.

